









**Dr Rajasi
PSM**

PSM

MUHS PYQs

MUHS 3rd Proff Online

Live Classes Schedule

| Date & Time | Subject | Topic | Faculty | Live On |
|-------------|---------------|--|------------------|---|
| 04 Nov '24 | FMT | Court Procedure | Dr Jayaprakash K |  |
| 05 Nov '24 | | Professional Misconduct | |  |
| 06 Nov '24 | | Medical Negligence | | |
| 07 Nov '24 | PSM | Diseases and National Program | Dr Rajasi |  |
| 8 Nov '24 | FMT | Early Changes After Death | Dr Jayaprakash K |  |
| 9 Nov '24 | | Late Changes After Death | | |
| 11 Nov '24 | | Hanging | | |
| 12 Dec '24 | | Strangulation | | |
| 13 Nov '24 | PSM | High Yield Topics | Dr Rajasi | |
| 14 Nov '24 | FMT | Drowning | Dr Jayaprakash K | |
| 15 Nov '24 | | Mechanical Injuries Part 1 | | |
| 16 Nov '24 | ENT | Six Walls of Middle Ear, Cochlear Implants, Malignant Otitis Externa, BPPV | Dr Rajiv Dhawan |  |
| 17 Nov '24 | | Acute Epiglottitis & CROUP, Laryngocele, Recurrent Respiratory Papillomatosis, Thyroid Durgery & Nerve Injuries | |  |
| 18 Nov '24 | | Ethmoid Air Cells, Functional Endoscopic Sinus Surgery, Rhinosporidiosis, Ringertz Tumor | | |
| 19 Nov '24 | FMT | Mechanical Injuries Part 2 | Dr Jayaprakash K | |
| 20 Nov '24 | PSM | High Yield Topics | Dr Rajasi | |
| 21 Nov '24 | Ophthalmology | 1. Long Case Primary Open Angle Glaucoma. 2. Short Cases Angle Closure Glaucoma, Congenital Glaucoma, Trachoma, VKC | Dr Shivani Jain |  |
| 24 Nov '24 | Ophthalmology | 1. Long Case Retinal Detachment and it's Management 2. Short Cases CME, CSR, CRAO, CRVO | Dr Shivani Jain | |
| 25 Nov '24 | FMT | Wound Ballistics | Dr Jayaprakash K | |
| 26 Nov '24 | PSM | High Yield Topics | Dr Rajasi | |
| 27 Nov '24 | FMT | Civil and Criminal Responsibilities of a Mentally Ill Person | Dr Jayaprakash K |  |
| 28 Nov '24 | | Snake Bite Envenomation | | |
| 26 Nov '24 | PSM | High Yield Topics | Dr Rajasi | |
| 04 Dec '24 | Ophthalmology | Cataract Types and Management Long Case | Dr Rajasi | |
| 10 Dec '24 | FMT | Chronic Lead Poisoning | Dr Jayaprakash K | |
| 11 Dec '24 | | Opium Poisoning | | |

Note: All sessions will live at 8:00 PM

Our Faculties

Dr Jayaprakash K

FMT



Dr Rajasi

PSM



Dr Rajiv Dhawan

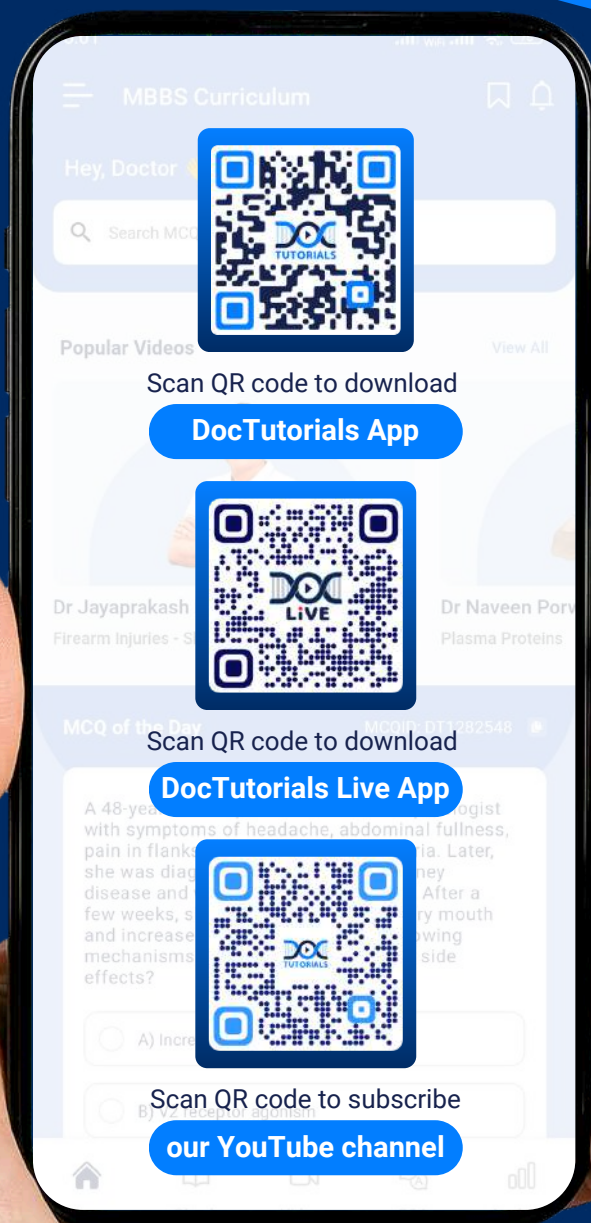
ENT



Dr Shivani Jain

Ophthalmology





Third M.B.B.S. (Part - 1) (2019) Examination, Winter - 2023 (Phase - III)

COMMUNITY MEDICINE -1

Total Duration: Section A+B=3 Hours

section B marks:80

SECTION-B

Instructions: 1) Use black ball point pen only.

- 2) **Do not** write anything on the **blank portion of the question paper**. If written anything, such type of act will be considered as an attempt to resort to unfair means.
- 3) **All** questions are **compulsory**.
- 4) The number to the **right** indicates **full** marks.
- 5) Draw diagrams **wherever** necessary.
- 6) Distribution of syllabus in Question Paper is only meant to cover the entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.
- 7) Use a common answer book for section B

2. Short Answer Questions (Solve any 1 Out of 1):

[1×7=7]

Write note on types of Epidemic.

3. Short Answer Questions (Solve any 3 Out of 4):

[3×7=21]

- a) Write maternity Benefit under ESI act 1948.
- b) Write note on Toxicity of Organo- chlorine compounds.
- c) Write short note on Odd's Ratio.
- d) Write short Note on Secular trend.

4. Long Answer Questions (Solve any 1 Out of 1):

[1×12=12]

Write Note on Heat stress indices. What are effects of Heat stress on health, describe in brief.

5. Short Answer Questions (Solve any 4 Out of 5):

[4×7=28]

- a) Write Note on problem Family.
- b) Write Note on care of Healthy New born
- c) Enumerate Steps of Investigation of an Epidemic

- d) Write note on Iceberg Phenomenon
- e) Write note on Lead time in screening

6. Long answer Questions (Solve any 1 Out of 1)

[1x12=12]

Write scope of Employees State Insurance Act. 1948. Describe Medical benefit under ESI act 1948.



Third (1) M.B.B.S. (2019) Examination, Winter

COMMUNITY MEDICINE - II

(Phase III)

Total Duration: Section A+B=3 Hours

section B marks:80

SECTION-B

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- 3) **All** questions are **compulsory**.
- 4) The number to the right indicates full marks.
- 5) Draw diagrams wherever necessary.
- 6) Distribution of syllabus in Question Paper is only meant to cover the entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.
- 7) Use a common answer book for section B

2) Short Answer Questions (Any 4 out of 5):

[4x7=28]

- a) The annual population growth rate of a country in more than 2.
Comment on the status of population growth of this country. [1]
Draw the population pyramid of India and describe it. [6]
- b) A new born weighs 2.49 kg, when it was measured within one hour of the birth.
Comment on the birth weight of this new born. [1]
Discuss the causes of low birth weight. [3]
Add a note on Kangaroo Mother Care. [3]
- c) A 40-year old male is diagnosed with diabetes mellitus 2 year back, currently he is complaining of tingling numbness in lower extremities and his blood sugar levels are high.
Give advice to this patient regarding diabetic foot care. [2]
Describe epidemiological determinants of diabetes mellitus. [5]
- d) UNICEF.
- e) Man-made disaster

3) Long Answer Question:

[1×12=12]

An adult non-pregnant women's venous blood haemoglobin level is 11.9 gm/dl.

- a) Comment on haemoglobin level and its detrimental effects on this woman. [4]
- b) Discuss the interventions to control nutritional anaemia in community. [4]
- c) Add a note on Anaemia Mukh Bharat. [4]

4) Short Answer Questions (Any 4 out of 5):

[4×7=28]

- a) Prepare the checklist of > 10 questions to aid in checking one's own mental health. [3]

Discuss the causes of mental illness. [4]

- b) The health education regarding compulsory use of mask during COVID-19 pandemic was done to create awareness in community. Comment on this approach of health education. [1]

Describe the 4 approach of health education with suitable example. [6]

- c) Panchayat Raj Institution.

- d) A Primary Health Centre (PHC) in rural area caters to 80,000 populations. Currently the staff working at PHC is one medical officer, one Auxiliary Nurse Midwife (ANM), one pharmacist and one sweeper. Comment on the administrative set up of this PHC. [1]

Describe the essential health services given at PHC as per Indian Public Health Standards (IPHS). [6]

- e) Discuss the causes of cancer. [5]

Prepare the checklist of Warning signs of cancer to detect high risk individual for cancer. [2]

5) Long Answer Questions:

[1×12=12]

A primi-gravida woman aged 20 years delivered at home by local dai. She started complaining of high-grade fever with foul-smelling vaginal discharge within 3 days of delivery. The symptoms worsened and progressed with pain in lower abdomen and increased pulse rate in next two days. She was admitted in rural hospital, where her health deteriorated further and she died.

- a) Identify factors that lead to her death. [4]
- b) Describe the complications in postnatal period. [4]
- c) Describe the prevention and control measures to reduce maternal deaths in India. [4]

Third M.B.B.S. (Part-1) (2019) Examination, Winter-2022

COMMUNITY MEDICINE – II

Total Duration: Section A+B=3 Hours

Section B Marks:80

SECTION-B

Instructions: 1) Use **blue/black** ball point pen only.

2) Do not write anything on the **blank portion of the question paper**. Rough work should not be done on the Answer Sheets or anywhere on the Question Paper except the specific space provided for the rough work. If written anything, such type of act will be considered as an attempt to resort to unfair means.

3) **All** questions are **compulsory**.

4) The number to the **right** indicates **full** marks.

5) Draw diagrams **wherever** necessary

6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper, Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.

7) Use a common answer book for section B

2) Short Answer Questions (Solve any 4 out of 5):

[4x7=28]

- a) Write a short note on non-pharmacological management of Diabetes.
- b) Describe 'triage' in disaster management.
- e) Enumerate and describe the stages of demographic cycle.
- d) Enlist the causes of mental ill-health.
- e) Describe the various methods for the prevention and control of Vitamin A deficiency.

3) Long Answer Questions:

[1 x 12 = 12]

- Write the population norms for various healthcare facilities in India. [3]
- Discuss the staff pattern of a Primary Healthcare Centre. [4]
- Enlist and describe the job responsibilities of a Medical Officer of a Primary Healthcare Centre.[5]

4) Short Answer Questions (Solve any 4 Out of 5)

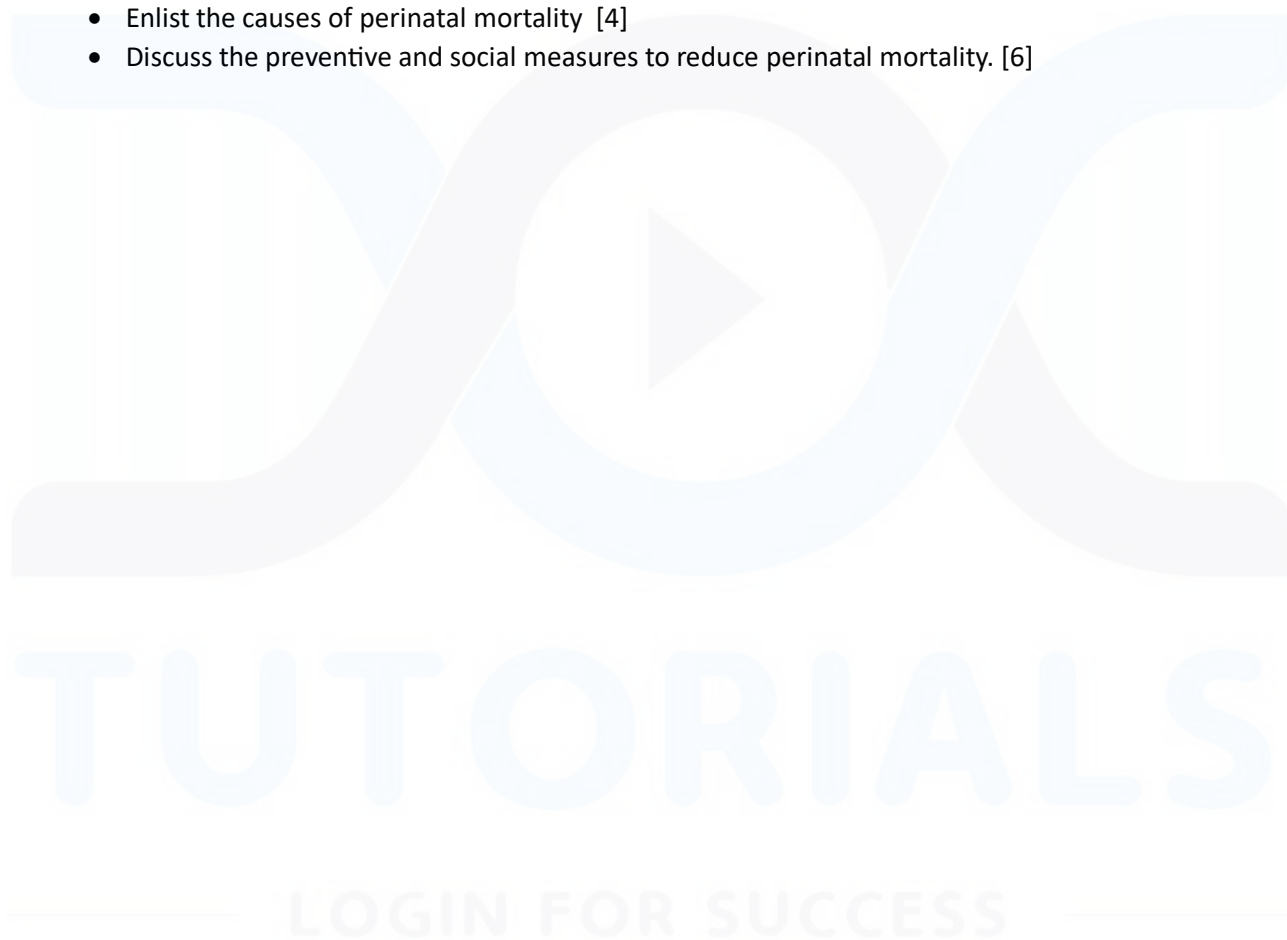
[4x7=28]

- a) Write a short note on the structure of World Health Organization (WHO).
- b) Describe the indicators of undernutrition in children.
- c) Write a short note on Vision 2020 and its proposed structure.
- d) Enumerate the various steps in health planning.
- e) Discuss the principles of health education.

5) Long Answer Questions:

[1 x 12 = 12]

- Define Perinatal Mortality Rate. [2]
- Enlist the causes of perinatal mortality [4]
- Discuss the preventive and social measures to reduce perinatal mortality. [6]



Third M.B.B.S. (2019) (Part - 1) Examination, Winter-2022

COMMUNITY MEDICINE -1

Total Duration: Section A+B=3 Hours

Section B Marks:80

SECTION-B

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- 3) **All** questions are **compulsory**.
- 4) The number to the **right** indicates **full** marks.
- 5) Draw diagrams **wherever** necessary.
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2) Short Answer Question:

[1×7=7]

Write note on Human Poverty Index.

3) Short Answer Questions (Solve any 3 Out of 4):

[3×7=21]

- a) Write note on Centering Constants.
- b) Enumerate methods of Data Presentation.
- c) Write characteristics of rash of Chicken Pox.
- d) Enumerate any 6 emerging and reemerging diseases.

4) Long Answer Question:

[1×12=12]

Define Incidence and Prevalence. Explain attack rate and secondary attack rate, Point Prevalence and Period Prevalence. Write uses of Incidence and Prevalence.

5) Short Answer Questions (Solve any 4 Out of 5):

[4x7=28]

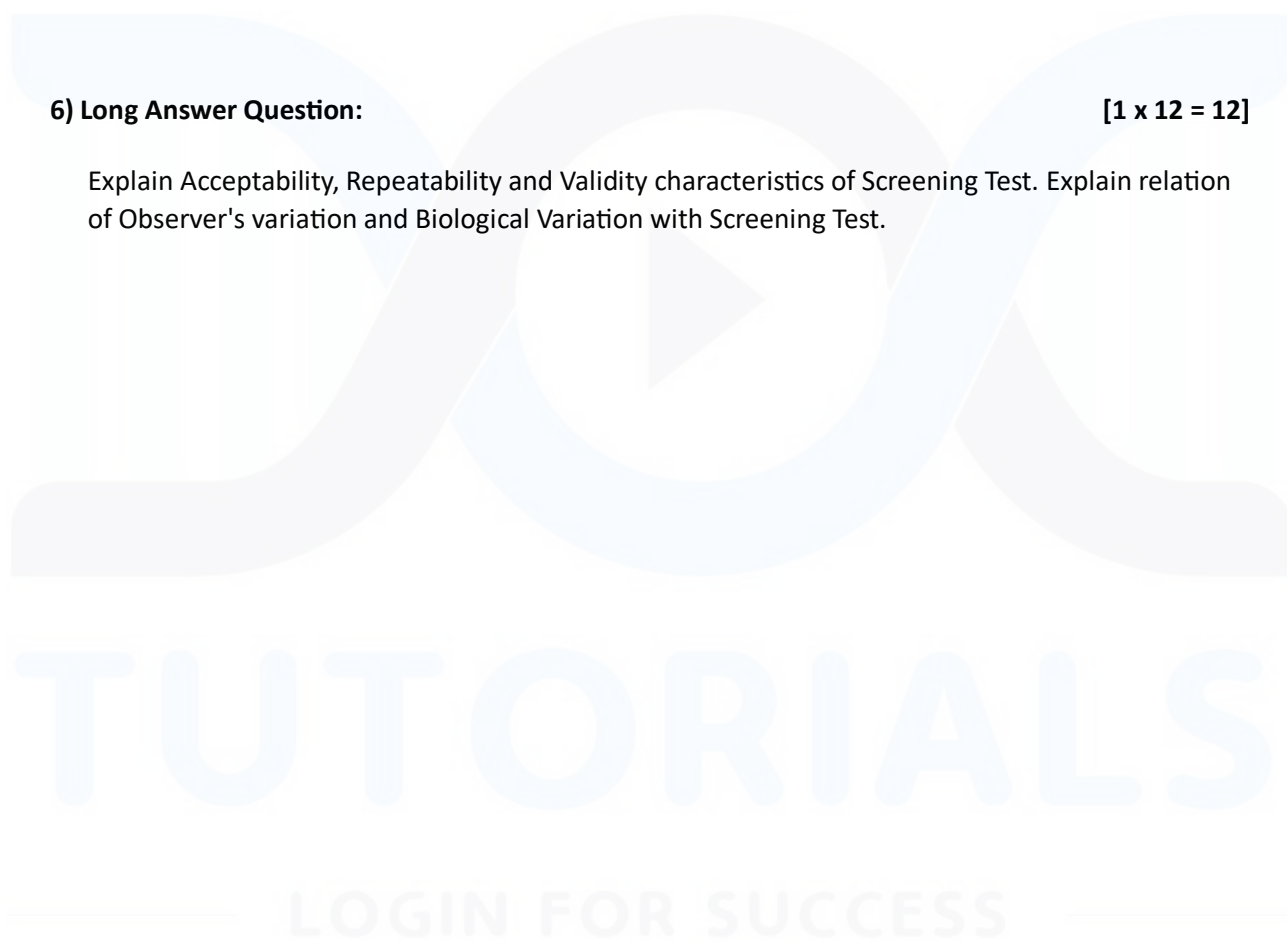
- a) Write note on Anti Rodent Measures.
- b) Write note on Factories Act 1948.
- c) Define Pneumoconiosis. Write name of Industries and causes related to Bagassosis, Byssinosis, Anthracosis, Silicosis, Asbestosis & Farmer's Lung.
- d) Write note on Air pollution Indicators: Sulphur dioxide, Smoke and Suspended Particles.

Write note on Dynamics of Social change and its relation with Health.

6) Long Answer Question:

[1 x 12 = 12]

Explain Acceptability, Repeatability and Validity characteristics of Screening Test. Explain relation of Observer's variation and Biological Variation with Screening Test.



Third Year M.B.B.S. (Part-1) (Old) Examination

(Phase III) Winter - 2021

COMMUNITY MEDICINE – II

Total Duration: Section A+B+C=3 Hours

Section B & C Marks: 45

SECTION-B & SECTION-C

Instructions: 1) Use **blue/black** ball point pen only.

2) Do not write anything on the **blank portion of the question paper**. If written anything, such type of act will be considered as an attempt to resort to unfair means

3) **All** questions are **compulsory**.

4) The number to the **right** indicates **full** marks.

5) Draw diagrams **wherever** necessary.

6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.

7) Use a common answerbook for section B & C.

SECTION-B SAQ (21 Marks)

2. Short answer question (any three out of five):

[3×3=9]

- a) Child survival index.
- b) Packages of services under ICDS Scheme.
- c) Filarial indices used in National Filaria Control Programme.
- d) Perinatal mortality rate.
- e) Dependency ratio.

3. Short answer question (any four out of six):

[4×3=12]

- a) Network analysis.
- b) Kangaroo mother care.
- c) Role of UNICEF in child survival.
- d) Principles of Primary health care.
- e) Food fortification.
- f) Health hazards of health care waste

SECTION-C LAQ (24 Marks)

4. Define health education. Describe in detail various approaches and models of health education. **[1×8=8]**
5. Describe medical and engineering measures for prevention of occupational diseases. **[1×8=8]**
6. Classify malnutrition. Describe in brief ecology, prevention and control measures for malnutrition. **[1×8=8]**



Third Year M.B.B.S. (Part-1) (Old) Examination

(Phase III) Winter - 2021

COMMUNITY MEDICINE – 1

Total Duration: Section A+B+C=3 Hours

Section B & C Marks: 45

SECTION-B & SECTION-C

Instructions: 1) Use **blue/black** ball point pen only.

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- 4) The number to the **right** indicates **full** marks.
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- 7) **Use** a common answer book for Section B & C.

SECTION-B SAQ (21 Marks)

2. Short answer question (any three out of five):

[3×3=9]

- a) Principles of Primary Health Care.
- b) Enumerate eight goals of millennium development goals.
- c) Integrated Counseling and Testing Centre (ICTC).
- d). Difference between case-control study and cohort study.
- e). Define and mention Criteria for screening.

3. Short answer question (any four out of six):

[4×3=12]

- a) Components of DOTS.
- b) Post-exposure prophylaxis in animal bite cases.
- c) Iceberg phenomenon of disease.
- d) Normal distribution curve.
- e) Unpaired T test.
- f) Functions of Family

Section – C LAQ (24 marks)

4. Enumerate the sources and Health Hazards of Noise Pollution. Describe the measures for its prevention and control. **[1x8=8]**
5. Enumerate water bone diseases. Describe epidemiology and control of acute diarrheal diseases. **[1x8=8]**
6. Discuss about Biomedical waste Hazards and describe its categories. **[1x8=8]**



Third M.B.B.S. (Part - 1) Examination, Winter - 2020

COMMUNITY MEDICINE – II

Total Duration: Section A B C 3 Hours

Section B & C Marks:45

Instructions: 1) Use blue/black ball point pen only

- 2) Do not write anything on the **blank portion of the question paper**. If written anything, such type of act will be considered as an attempt to resort to unfair means.
- 3) **All** questions are **compulsory**.
- 4) The number to the **right** indicates **full** marks
- 5) Draw diagrams **wherever** necessary
- 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.
- 7) Use a common answer book for Section B & C

SECTION-"B" SAQ (21 Marks)

2. Short answer question (any three out of five):

[3×3=9]

- a) Child trafficking
- b) Principles of Primary health care
- c) Anthracosis
- d) Categories in Bio-medical waste
- e) Shrivastawa Committee

3. Short answer question (any four out of Six):

[4×3=12]

- a) Domestic midwifery care
- b) Agents of drug dependence
- c) Demographic cycle
- d) Fertility Indices
- e) Baby friendly hospital Initiatives
- f) programme evaluation and review technique

SECTION "C" LAQ (24 Marks)

- 4.** Define perinatal mortality (PMR), Enumerate various causes of high perinatal mortality in India and write prevention of PMR. **[1x8 = 8]**
- 5.** Enumerate National nutritional programs in India and describe National Iodine Deficiency disorder Control program. **[1x 8 = 8]**
- 6.** Organization of public health care system in India. **[1x 8 = 8]**

Third M.B.B.S. (Part-1) Examination Winter- 2020

COMMUNITY MEDICINE-I

Total Duration: Section A+B+C=3 Hours

Section B& C Mark: 45

Instructions: 1) Use blue/black ball point pen only

- 2) Do not write anything on the **blank portion of the question paper**. If written anything, such type of act will be considered as an attempt to resort to unfair means
- 3) **All** questions are compulsory
- 4) The number to the **right** indicates **full** marks
- 5) Draw diagrams **wherever** necessary,
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- 7) Use a common answer book for section B & C

SECTION "B" SAQ (21 Marks)

2) Short answer question (any three out of five):

[3×3=9]

- a) Genetic counseling
- b) Health hazards of health care waste.
- c) Standard normal curve.
- d) Acute Flaccid Paralysis (AFP) surveillance.
- e) Advantages and disadvantages of case control study.

3) Short answer question (any four out of six):

[4×3=12]

- a) Triage in disaster management.
- b) Census of India.
- c) Human Development Index.
- d) Validity of a screening test.
- e) Pre exposure prophylaxis for rabies.
- f) Herd Immunity.

SECTION "C" LAQ (24 Marks)

4) Define family and describe different family types. Discuss role of family in health and disease.

[1×8=8]

5) Define accident. Describe epidemiology, prevention and control of road traffic accidents. **[1×8=8]**

6) Describe sources of air pollution. Enumerate harmful effects of air pollution and write in brief about measures to prevent air pollution.

[1×8=8]



TUTORIALS

LOGIN FOR SUCCESS

Third (1) M.B.B.S. (2019)
Examination, (Phase-III) Summer-2023
COMMUNITY MEDICINE – II

Total Duration: Section A+B=3 Hours

Section B Marks:80

SECTION-B

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- 3) **All** questions are **compulsory**.
- 4) The number to the **right** indicates **full** marks.
- 5) Draw diagrams **wherever** necessary.
- 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the question is out of syllabus. As it is only for the placement sake, the distribution has been done.
- 7) **Use** a common answerbook for **all** sections.

2. Short Answer Questions (Solve any 4 Out of 5):

[4x7= 28]

- a) Write a short note on Adolescent Friendly Health Services.
- b) Write a note on Maslow's Hierarchy of Needs with a suitable diagram.
- c) Discuss the indices for assessment of obesity.
- d) Write a short note on Cannabis use and its prevention and control measures.
- e) Write a short note on disaster management cycle and disaster preparedness.

3. Long Answer Questions:

[1x12=12]

- a)
 - Classify the various contraceptive methods. [4]
 - Enlist the noncontraceptive benefits of Combined Oral Contraceptive pills. [3]
 - Discuss the social welfare measures and initiatives by Government of India to control population.[5]

4. Short Answer Questions (Solve any 4 Out of 5) :

[4×7=28]

- a) Write a short note on Tobacco control legislation in India
- b) Write a short note on food adulteration.
- c) Write a short note on the health problems of the elderly population.
- d) Describe the functions of UNICEF.
- e) Define health education and discuss the health education models.

5. Long Answer Questions:

[1×12=12]

- a) Define Primary Health Care. [2]
 - Enumerate the elements (essential components) of primary health care. [4]
 - Enlist and describe the principles of primary health care. [6]

Third (I) M.B.B.S. (2019) Examination, (Phase-III) Summer-2023

COMMUNITY MEDICINE-1 (Paper-I)

Total Duration: Section A+B=3 Hours

Section B marks:80

SECTION-B

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- 7) **Use** a common answer book for **all** sections.

2. Write Note on Human development Index.

[1×7=7]

3. Short Answer Questions (Solve any 3 Out of 4):

[3×7=21]

- a) Write seven Characteristics of Screening Tests.
- b) Write short note on Ebola virus disease.
- c) Enumerate Methods of Biomedical waste disposal.
- d) Write note on Histogram.

4. Define Epidemiology. Write various uses of epidemiology. Discuss in detail various steps in conduction of case control study.

[1×12=12]

5. Short Answer Questions(Solve any 4 Out of 5):

[4×7=28]

- a) Write note on Socialization. How socialization affects health.
- b) Write uses of statistics in Health.
- c) Write effects of noise exposure.
- d) Write note on ERGONOMICS.
- e) Write color coding in Biomedical waste segregation.

6. Describe epidemiological factors related to Measles. Write complications of Measles infection.
Write control measures of measles Outbreak. Write strategies for Measles Elimination. **[1×12=12]**



TUTORIALS

LOGIN FOR SUCCESS

Third (1) M.B.B.S. (Old) Examination, Winter-2022

COMMUNITY MEDICINE-II

Total Duration: Section A+B+C=3 Hours

Section B&C Marks:45

SECTION-B & SECTION-C

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- 3) **All** questions are **compulsory**.
- 4) The number to the **right** indicates **full** marks.
- 5) Draw diagrams **wherever** necessary
- 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.
- 7) **Use** a common answerbook for section B&C

SECTION - "B" SAQ (21 Marks)

2. Short answer questions (any three out of five):

[3×3=9]

- a) National Cancer Control Programme.
- b) Birth control vaccine.
- c) Social obstetrics.
- d) Principles of artificial feeding.
- e) Child trafficking

3. Short answer questions (any four out of six):

[4×3=12]

- a) Assessment of protein quality.
- b) The Factories Act, 1948.
- c) Occupational health in India.
- d) Approaches to prevention of drug dependence.
- e) Work sampling.

f) Role of World Health Organization in Health sector.

SECTION - "C" LAQ (24 Marks)

4. Write classification of foodborne diseases. Define 'adulteration of food'. Write a note on "Prevention of Food Adulteration Act, 1954". **[1×8=8]**
5. Discuss in detail the health system in India. **[1×8=8]**
6. Enumerate various voluntary health agencies in India. Discuss the role of voluntary health agencies in upliftment of public health in India. **[1×8=8]**



Third (1) M.B.B.S. (Old) Examination, Winter - 2022

COMMUNITY MEDICINE-I

Total Duration: Section A+B+C=3 Hours

Section B & C Marks: 45

SECTION-B & SECTION-C

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- 7) Use a common answerbook for section B & C.

SECTION - B SAQ (21 Marks)

2. Short answer questions (any three out of five):

[3×3=9]

- a) Community Diagnosis.
- b) Mental dimension of Health.
- c) Health service research.
- d) Migration studies.
- e) Social factors influencing the health of the people.

3. Short answer questions (any four out of six):

[4 x 3 = 12]

- a) Standard normal deviate.
- b) Varicella zoster immunoglobulin (VZIG).
- c) Criterias for assessment of obesity.
- d) Early diagnosis and treatment in prevention and control of genetic diseases.
- e) Water pollution law.
- f) "Despite of environmental pollutant there is no valid reason to discontinue, the use of DDT as insecticide": Explain it.

SECTION-C LAQ (24 Marks)

- 4.** Write classification of rickettsial diseases. Discuss the epidemiology, treatment, prevention and control of various rickettsial diseases. **[1×8=8]**
- 5.** Discuss epidemiology, prevention and control of coronary heart disease. **[1×8=8]**
- 6.** Discuss various methods of sewage disposal. Write note on social aspects of sewage disposal. **[1×8=8]**



Third M.B.B.S. (Old) (Part-1) Examination, Summer 2021

COMMUNITY MEDICINE – II

Total Duration: Section A+B+C=3 Hours

Section B & C Marks:45

Section-B & Section-C

Instruction: 1) Use **blue/black** ball point pen only

- 2) Do not write anything on the **blank portion of the question paper**. If written anything, such type of act will be considered as an attempt to resort to unfair means
- 3) **All** questions are **compulsory**.
- 4) The number to the **right** indicates **full** marks.
- 5) Draw diagrams **wherever** necessary
- 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.
- 7) Use a common answer book for Section B & C.

SECTION-"B" SAQ (21 Marks)

2. Short answer question (any three out of five):

[3×3=9]

- a) Natural family Planning Methods
- b) APGAR score.
- c) Baby Friendly Hospital Initiative
- d) Xerophthalmia.
- e) Occupational health hazards in agricultural workers.

3. Short answer question (any four out of six):

[4×3=12]

- a) Preventive measures for drug addiction.
- b) PERT
- c) Panchayati Raj system
- d) UNICEF
- e) Referral system in National Leprosy Eradication Programme.
- f) Universal Immunization Programme

SECTION - "C" LAQ (24 Marks)

4. Describe epidemiology, prevention and control of Protein Energy Malnutrition in India. **[1 x 8 = 8]**

5. Explain in brief the Employees State Insurance Act 1948. **[1 x 8 = 8]**

6. What are the principles of health education? Explain different methods of health communication. **[1 x 8 = 8]**



Third M.B.B.S. (Old) (Part-1) Examination, Summer-2021

COMMUNITY MEDICINE-1

Total Duration: Section A+B+C=3 Hours

Section B & C Marks: 45

SECTION-B & SECTION-C

Instructions: 1) Use blue/black ball point pen only

- 2) Do not write anything on **the blank portion of the question paper**. If written anything, such type of act will be considered as an attempt to resort to unfair means.
- 3) **All** questions are **compulsory**.
- 4) The number to the **right** indicates **full** marks
- 5) Draw diagrams **wherever** necessary,
- 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.
- 7) Use a common answer book for section B & C.

SECTION "B" SAQ (21 Marks)

2. Short answer question (any three out of five):

[3×3=9]

- a) Disaster preparedness
- b) Functions of a family
- c) Anti rodent measures
- d) Validity of a screening test
- e) 17-D Vaccine

3. Short answer question (any four out of six):

[4×3=12]

- a) Human Development Index
- b) Standard Normal Curve
- c) Eugenics
- d) Biological effects of radiation
- e) Dengue Haemorrhagic fever
- f) Warning signals of cancer

SECTION "C" LAQ (24 Marks)

- 4.** What are the different types of Randomized Controlled Trials? Describe basic steps in conducting a Randomized Controlled Trial. **[1x8=8]**
- 5.** Define obesity. Write in brief about the epidemiological determinants of obesity. What are the preventive and control measures for it. **[1x8=8]**
- 6.** What are the health hazards of health care waste? Write in brief about the various treatment and disposal technologies for health care waste. **[1x8=8]**



M.B.B.S. DEGREE EXAMINATION
THIRD YEAR
PART I
PAPER IV – COMMUNITY MEDICINE INCLUDING HUMANITIES – II

Q.P. Code: 525074

Time: Three hours

Maximum : 60 Marks

Answer All Questions

I. Elaborate on: **(3 + 7 = 10)**

1. Mention the objectives of the antenatal care. What are all the clinical, laboratory and counseling services you will provide for antenatal mothers attending health facilities?

(3 + 4 + 3 = 10)

2. What is the statutory body which regulates the food quality and safety in India? What is food fortification and common food fortification permitted? Add a note on food additives.

II. Write notes on: **(6 x 5 = 30)**

1. Stages of demographic cycle and its importance.
2. Differentiate between preterm and small for date babies and mention the social and biological causes for the same.
3. Enumerate the principles of health education.
4. Provisions under MTP Act 1971.
5. Programme Evaluation and Review Technique (PERT) in health planning.
6. National immunization schedule.

III. Short answers on: **(5 x 2 = 10)**

1. Enlist four potentially harmful practices in the community that can endanger the life of infants.
2. What are the indicators for reduction in maternal mortality ratio as per sustainable development goals?
3. Eligible couple.
4. Bio-medical wastes ideal for incineration.
5. Define Glycemic Index (GI) and classify foods based on GI with examples.

M.B.B.S. DEGREE EXAMINATION
THIRD YEAR
PART I
PAPER III – COMMUNITY MEDICINE INCLUDING HUMANITIES – I

Q.P. Code: 525073

Time: Three hours

Maximum : 60 Marks

Answer All Questions

I. Elaborate on: **(8 + 2 = 10)**

1. Describe the diagnosis and management of a one year old child with acute respiratory infection as per the IMNCI guidelines. Enlist the vaccines that can be used in its prevention.

(3 + 5 + 2 = 10)

2. Describe in detail the epidemiology, clinical features and diagnosis of dengue.

II. Write notes on: **(6 x 5 = 30)**

1. Define migration studies. Discuss its use in epidemiology.
2. Describe the attributes of a sanitary well.
3. Enlist the principal methods of refuse disposal. Describe the method used in metropolitan cities and highlight the environmental hazards associated with it.
4. Discuss the sources and hazards of indoor air pollution.
5. Discuss the sources of bias in case-control studies and methods of over-coming it.
6. Explain the rule of halves in epidemiology of hypertension and suggest methods to overcome it.

III. Short answers on: **(5 x 2 = 10)**

1. Define survival rate.
2. Define specificity. Give examples of conditions where a test with high specificity is chosen.
3. Isolation and quarantine.
4. Describe the method of application and mode of action of pyrethrum.
5. Define attributable risk.

M.B.B.S. DEGREE EXAMINATION
THIRD YEAR
PART I
PAPER IV – COMMUNITY MEDICINE INCLUDING HUMANITIES – II

Q.P. Code: 525074

Time: Three hours

Maximum : 60 Marks

Answer All Questions

I. Elaborate on: **(2 x 10 = 20)**

1. Discuss the steps in planning cycle.
2. Discuss the causes and prevention of infant mortality in India.

II. Write notes on: **(6 x 5 = 30)**

1. Write any five fertility related statistics.
2. What are the functions of under five clinics?
3. What is 'Triage' in disaster management?
4. Explain Swachh Bharat Mission.
5. Write in detail on injectable contraceptives and their contraindications.
6. Enumerate the strategies of 'National Nutritional Policy'.

III. Short answers on: **(5 x 2 = 10)**

1. What is hotel sanitation?
2. What are the recommendations of Bhore committee?
3. What are the functions of Indian Red Cross Society?
4. Name any two strategies for improvement of health of tribal people.
5. Define 'Primary health care'.

M.B.B.S. DEGREE EXAMINATION
THIRD YEAR
PART I
PAPER III – COMMUNITY MEDICINE INCLUDING HUMANITIES – I

Q.P. Code: 525073

Time: Three hours

Maximum : 60 Marks

Answer All Questions

I. Elaborate on:

(2 x 10 = 20)

1. Define epidemiology and write the methods in epidemiology. Differentiate between associated factor and causative factor with suitable examples. Write about the relative risk and attributable risk and its applications in public health.
2. Describe in detail the classification of exposure, post-exposure prophylaxis and wound management of dog bite cases. Add a note on advantages of intra dermal administration of cell culture vaccines.

II. Write notes on:

(6 x 5 = 30)

1. Differentiate between screening test and a diagnostic test.
2. Environmental risk factors for cancers.
3. Provision of health related benefits under employees state insurance Acts.
4. Tertiary preventive measures for leprosy patients.
5. Cold chain maintenance and the equipments used for it.
6. Tests of significance.

III. Short answers on:

(5 x 2 = 10)

1. What is Ergonomics?
2. Primary case and index case.
3. Spot map.
4. Green house effect.
5. Air pollutants.

THIRD YEAR M.B.B.S. DEGREE EXAMINATION
PART I
PAPER IV – COMMUNITY MEDICINE INCLUDING HUMANITIES – II

Q.P. Code: 525074

Time: Three hours

Maximum : 60 Marks

Answer All Questions

I. Elaborate on:

(2 x 10 = 20)

1. Describe in detail about the health care systems in India.
2. Define maternal mortality. Discuss the causes of maternal mortality. Discuss in detail about the various measures taken under national health mission to reduce the maternal mortality.

II. Write notes on:

(6 x 5 = 30)

1. Functions of world health organization.
2. Factors affecting the fertility.
3. Nutritional factors in cardiovascular disease.
4. Planning cycle.
5. Juvenile delinquency.
6. Balanced diet.

III. Short answers on:

(5 x 2 = 10)

1. Mention the natural family planning methods.
2. Medical social worker.
3. Social security for industrial workers.
4. Mention four approaches to health education.
5. Cost effective analysis.

THIRD YEAR M.B.B.S. DEGREE EXAMINATION
PART I
PAPER III – COMMUNITY MEDICINE INCLUDING HUMANITIES – I

Q.P. Code: 525073

Time: Three hours

Maximum : 60 Marks

Answer All Questions

I. Elaborate on:

(2 x 10 = 20)

1. What are the objectives of Revised National Tuberculosis Control Programme? How are diagnosis, categorization and treatment of tuberculosis done according to RNTCP?
2. List the water related diseases. How is water purified on a large scale?

II. Write notes on:

(6 x 5 = 30)

1. Lead poisoning and its prevention.
2. Sources of health information.
3. Prevention of neonatal tetanus.
4. Write the national immunization schedule.
5. Guidelines for assessing dehydration and for oral rehydration therapy.
6. Apply the levels of prevention and modes of intervention to diabetes mellitus.

III. Short answers on:

(5 x 2 = 10)

1. Explain iceberg phenomenon with an example.
2. What is “Lead time” in screening for diseases?
3. What is case fatality rate? Give an example.
4. What are the biological effects of radiation?
5. What are the modifiable risk factors for hypertension?

THIRD YEAR M.B.B.S. DEGREE EXAMINATION

PART - I

PAPER III – COMMUNITY MEDICINE - I

Q.P. Code: 524073

Time : Three Hours

Maximum : 60

Marks

Answer ALL questions

I. Elaborate on:

(2 x 10 = 20)

1. Describe the epidemiology of Typhoid fever. Discuss its prevention and control measures.
2. Classify the various occupational diseases. Discuss the measures for prevention of occupational diseases.

II. Write notes on:

(6 x 5 = 30)

1. Employees state insurance act.
2. Explain “Bias” in research with an example.
3. Oxidation pond.
4. Primary and Secondary prevention of Rheumatic Heart disease.
5. Epidemiology and Prevention of Ebola virus disease.
6. VISION 2020.

III. Short answers on:

(5 x 2 = 10)

1. Two difference between a screening test and diagnostic test.
2. Quetelet's index and Corpulence index.
3. Indicators of Human Development Index.
4. Enlist the bio medical waste disposed into blue bin.
5. Aedes aegypti index.

THIRD YEAR M.B.B.S. DEGREE EXAMINATION

PART - I

PAPER IV – COMMUNITY MEDICINE - II

Q.P. Code: 524074

Time : Three Hours

Maximum : 60 Marks

Answer ALL questions

I. Elaborate on:

(2 x 10 = 20)

1. What is nutritional assessment? Write in detail how you would assess the nutritional status of a community.

2. List the common problems of the elderly.

Write about the social security measures for the elderly in India.

II. Write notes on:

(6 x 5 = 30)

1. Small family norm.

2. Types of learning.

3. Safe injection practices.

4. Biomedical Waste Management.

5. Juvenile Delinquency .

6. Health education versus Health propaganda.

III. Short answers on:

(5 x 2 = 10)

1. Barriers of communication.

2. Social pediatrics.

3. Record linkage.

4. Program Evaluation Review Technique.

5. Demographic profile of India.



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